

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/549,648
Source: PCT
Date Processed by STIC: 10/03/2005

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 10/03/2005

PATENT APPLICATION: US/10/549,648

TIME: 14:25:42

Input Set : A:\21810-US SeqList.txt

Output Set: N:\CRF4\10032005\J549648.raw

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3 <110> APPLICANT: Gregor Sagner
4      Ingrid Bechler
5      Jochen Bolte
6      Dieter Heindl
7      Hans-Peter Josel
8      Martin Gutekunst
9      Rudolf Sebl
10     Christoph Mueller
12 <120> TITLE OF INVENTION: Improved system for multi color real time PCR
14 <130> FILE REFERENCE: 21810 US
C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/549,648
C--> 17 <141> CURRENT FILING DATE: 2005-09-15
19 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/003457
20 <151> PRIOR FILING DATE: 2004-04-01
22 <150> PRIOR APPLICATION NUMBER: EP 03017561.6
23 <151> PRIOR FILING DATE: 2003-08-03
25 <150> PRIOR APPLICATION NUMBER: EP 03014929.8
26 <151> PRIOR FILING DATE: 2003-07-01
28 <150> PRIOR APPLICATION NUMBER: EP 03007458.7
29 <151> PRIOR FILING DATE: 2003-04-04
31 <160> NUMBER OF SEQ ID NOS: 13
33 <170> SOFTWARE: PatentIn version 3.1
35 <210> SEQ ID NO: 1
36 <211> LENGTH: 22
37 <212> TYPE: DNA
38 <213> ORGANISM: Artificial
40 <220> FEATURE:
41 <221> NAME/KEY: misc_feature
42 <223> OTHER INFORMATION: Primer FactorV, forward
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50 <211> LENGTH: 20
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial
54 <220> FEATURE:
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56 <223> OTHER INFORMATION: Primer FactorV, reverse
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63 <210> SEQ ID NO: 3
64 <211> LENGTH: 23
65 <212> TYPE: DNA

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66 <213> ORGANISM: Artificial
68 <220> FEATURE:
69 <221> NAME/KEY: misc_feature
70 <223> OTHER INFORMATION: 3'Fluorescein labeled Hybridization Probe
73 <400> SEQUENCE: 3
74 aataacctgta ttccctgcct gtc 23
77 <210> SEQ ID NO: 4
78 <211> LENGTH: 36
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial
82 <220> FEATURE:
83 <221> NAME/KEY: misc_feature
84 <223> OTHER INFORMATION: 5' Red610 Hybridization Probe
87 <220> FEATURE:
88 <221> NAME/KEY: misc_feature
89 <223> OTHER INFORMATION: 5' Cy5 Hybridization Probe
92 <220> FEATURE:
93 <221> NAME/KEY: misc_feature
94 <223> OTHER INFORMATION: 5' Red640 Hybridization Probe
97 <220> FEATURE:
98 <221> NAME/KEY: misc_feature
99 <223> OTHER INFORMATION: 5' Red705 Hybridization Probe
102 <400> SEQUENCE: 4
103 agggatctgc tcttacagat tagaagtagt cctatt 36
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107 <211> LENGTH: 19
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111 <220> FEATURE:
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113 <223> OTHER INFORMATION: Primer forward
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117 tgccttgcat tttctgctt 19
120 <210> SEQ ID NO: 6
121 <211> LENGTH: 19
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial
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127 <223> OTHER INFORMATION: Primer reverse
130 <400> SEQUENCE: 6
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135 <211> LENGTH: 32
136 <212> TYPE: DNA
137 <213> ORGANISM: Artificial
139 <220> FEATURE:
140 <221> NAME/KEY: misc_feature
141 <223> OTHER INFORMATION: 3'-Fluorescein HybProbe 1

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153 <220> FEATURE:
154 <221> NAME/KEY: misc_feature
155 <223> OTHER INFORMATION: 5'-Red610 HybProbe 1a
158 <400> SEQUENCE: 8
159 tgatttggtc cacgtacc 18
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163 <211> LENGTH: 19
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial
167 <220> FEATURE:
168 <221> NAME/KEY: misc_feature
169 <223> OTHER INFORMATION: 5'-Red640 HybProbe 1b
172 <400> SEQUENCE: 9
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176 <210> SEQ ID NO: 10
177 <211> LENGTH: 37
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial
181 <220> FEATURE:
182 <221> NAME/KEY: misc_feature
183 <223> OTHER INFORMATION: 3'-Fluorescein HybProbe 2
186 <400> SEQUENCE: 10
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193 <213> ORGANISM: Artificial
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197 <223> OTHER INFORMATION: 5'-Red705 HybProbe 2
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204 <210> SEQ ID NO: 12
205 <211> LENGTH: 28
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207 <213> ORGANISM: Artificial
209 <220> FEATURE:
210 <221> NAME/KEY: misc_feature
211 <223> OTHER INFORMATION: 3'-Fluorescein HybProbe 3
214 <400> SEQUENCE: 12
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218 <210> SEQ ID NO: 13
219 <211> LENGTH: 38

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220 <212> TYPE: DNA

221 <213> ORGANISM: Artificial

223 <220> FEATURE:

224 <221> NAME/KEY: misc_feature

225 <223> OTHER INFORMATION: 5'-RedCy5 HybProbe 3

228 <400> SEQUENCE: 13

229 acctggtgat gaatccctta ctatttagaa taaggaac

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RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 10/03/2005

PATENT APPLICATION: US/10/549,648

TIME: 14:25:43

Input Set : A:\21810-US SeqList.txt

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13

VERIFICATION SUMMARY

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TIME: 14:25:43

Input Set : A:\21810-US SeqList.txt

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L:16 M:270 C: Current Application Number differs, Replaced Application Number

L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date